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	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L1	(bigbie or kaleung or ng or whalen).in.	7175
<input type="checkbox"/>	L2	L1 and neurona.clm.	1
<input type="checkbox"/>	L3	neurona.ti,ab,clm.	54
<input type="checkbox"/>	L4	L3 and sarcocyst\$.ti,ab,clm.	51
<input type="checkbox"/>	L5	L4 and pta\$.clm.	1
<input type="checkbox"/>	L6	L4 and atcc\$.clm.	1
<input type="checkbox"/>	L7	l3 and (sng or s-ng)	1

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20020041886. 23 Apr 01. 11 Apr 02. Equine protozoal myeloencephalitis vaccine. Bigbie, Rocky Barry, et al. 424/269.1; 435/258.1 514/44 A61K048/00 C12N001/10 A61K039/002.

PGPUB-DOCUMENT-NUMBER: 20020041886
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020041886 A1

TITLE: Equine protozoal myeloencephalitis vaccine

PUBLICATION-DATE: April 11, 2002

INVENTOR-INFORMATION:

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NAME	CITY	STATE	COUNTRY	TYPE CODE
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APPL-NO: 09/840485 [PALM]

DATE FILED: April 23, 2001

RELATED-US-APPL-DATA:

Application is a non-provisional-of-provisional application 60/199435, filed April 25, 2000,
Application is a non-provisional-of-provisional application 60/278695, filed March 26, 2001,

INT-CL-PUBLISHED: [07] A61K 48/00, C12N 1/10, A61K 39/002

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPP	<u>A61 K 39/002</u>	20060101

US-CL-PUBLISHED: 424/269.1; 514/44, 435/258.1

US-CL-CURRENT: 424/269.1; 435/258.1, 514/44

ABSTRACT:

The present invention provides an immunogenically active component comprising inactivated Sarcocystis neurona cells and/or inactivated Neospora hughesi cells; antigens derived therefrom; DNA derived therefrom; or a mixture; or in combination with other vaccine components thereof.

Further provided are vaccine compositions useful for preventing or ameliorating equine protozoal myeloencephalitis infection and disease and a method for the cell culture propagation of protozoan parasites.

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L6: Entry 1 of 1

File: USPT

May 10, 2005

DOCUMENT-IDENTIFIER: US 6891024 B2

TITLE: Monoclonal antibodies to Sarcocystis neurona and uses therefor

Abstract Text (1):

The present invention is directed to particular monoclonal antibodies that find use in the identification and purification of Sarcocystis neurona and related antigens. In particular, these antibodies permit the diagnosis of Sarcocystis related diseases such as equine protozoal myeloencephalitis (EPM).

CLAIMS:

1. A monoclonal antibody that binds immunologically to a Sarcocystis neurona organism or antigen, designated 2A7-18, deposited with the ATCC as PTA-3418, or 2G5-2, deposited with the ATCC as PTA-3419.
2. The monoclonal antibody of claim 1, wherein said antibody is designated 2A7-18, deposited with the ATCC as PTA-3418.
3. The monoclonal antibody of claim 1, wherein said antibody is designated 2G5-2, deposited with the ATCC as PTA-3419.
8. A kit comprising at least one a monoclonal antibody that binds immunologically to a Sarcocystis neurona organism or antigen, designated 2A7-18, deposited with the ATCC as PTA-3418, or 2G5-2, deposited with the ATCC as PTA-3419, in a suitable container.
9. The kit of claim 8, comprising both 2A7-18, deposited with the ATCC as PTA-3418, and 2G5-2, deposited with the ATCC as PTA-3419, in suitable containers.

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